

Biogenesis of the Terpene Compounds, by  
Y. Fujita, 10 pp.

JAPANESE, per, Kagaku, Vol XIV, No 9, 1959,  
pp 794-800.

ATS-6209J

Sci

3 Mar 62

186, 181

Biogenesis of the Terpene Compounds, by  
Y. Fujita, 10 pp.

JAPANESE, per, Kagaku, Vol XIV, No 9, 1959,  
pp 794-800.

ATB-62139J

Sci

24 Mar 62

Vol 4, No 4

187, 183

Simple Method for Determining the Particle  
Size of Chlorine Aerosol, by I. Sano, Y.  
Fujitani, K. Sugiyama, 7 pp.

JAPANESE, per, J. Chem Soc Japan Pure Chem  
Sect, Vol LXXVI, 1955, pp 466-468.

AEC Tr 2408

Sci - Chemistry

32,483

Fujitani, Yoshiyasu.

SIZE OF PARTICLES FORMING THE SEDIMENTATION BOUNDARY SURFACE, II. [1961] 9p. (5 figs. 3 tables omitted) 2 refs.

Order from SLA \$1.10

62-10752

Trans. of [Nihon Kagaku Zasshi] (Japan) 1952, v. 73, p. 423-426.

DESCRIPTORS: \*Aerosols, Particles, Sedimentation, \*Smokes, \*Ammonium radicals, \*Chlorides, Aging, Distribution.

(Chemistry--Physical, TT, v. 8, no. 6)

62-10752

I. Fujitani, Y.

C222764

Office of Technical Services

62-10751

I. Fujitani, Y.

209084

Office of Technical Services

Fujitani, Yoshiyasu**CONDENSATION OF AMMONIUM CHLORIDE  
SMOKE BY AGING, I. [1961] 11p. (11 figs. omitted)  
8 refs.**

Order from SLA \$1.60

62-10751

Trans. of [Nihon Kagaku Zasshi] (Japan) 1952, v. 73,  
p. 418-423.**DESCRIPTORS:** \*Aerosols, \*Condensation, Particles,  
Sedimentation, Distribution, Mass number, Sizing,  
\*Ammonium radicals, \*Chlorides, Aging, \*Smokes

The changes of the distribution of component particles  
and the particle and weight concentrations by aging  
were simultaneously determined. From the results  
thus obtained the condensation process between parti-  
cles of multiple-dispersed system was considered.  
The  $\text{NH}_4\text{Cl}$  smoke used in the experiment was found to  
be composed of the primary, secondary, tertiary and  
(Chemistry, TT, v. 7, no. 11) (over)

Research into the Properties of Aerosols.  
Adhesion of Minute Particles to Glass  
Surfaces, by Fujitani Yoshiyasu.

JAPANESE, per, J. Chem Soc Japan, Vol  
LXXIII, No 8, 1952, pp 578-580.

TRA3/TIB T 4517

Sci - Chemistry

24,165

Effective Thermal Conductivities in Packed Beds,  
by S. Sugiyama, M. Fujitsu, 11 pp.

JAPANESE per, Kagaku Kagaku, Vol XXIV,  
No 1, 1960, pp 1-219.

ATB-057413

Sel  
Vol IV, No 7  
Apr 62

193,867

Japan and the Second World War, by Akira  
Fujiwara, 12 pp.

JAPANESE, per, Rekishigaku Kenkyu, No 275,  
15 Apr 1964, pp 26-30, 52.

MX- CIA/FDD-J-1522/65



Studies of the Errors in Organic Microanalysis  
Standardization and Method of Control of Carbon  
and Hydrogen Analyses, by H. Fujiwara, M. Kan,  
6 pp.

JAPANESE, per, J. Pharm soc Japan, Vol LXXVI,  
No 8, 1956, pp 883-886.

Asso Tech Ser 10H14J

*Asso Tech Ser 10H14J*

Jul 58

69,909

An Attempt to Increase the Sensitivity of Qualitative Analysis by Nuclear Magnetic Resonance Absorption, by S. Fujiwara, S. Hayashi, 2 pp.

JAPANESE, J. Chem soc Japan, Vol LXXII, 1951, pp 764, 765.

Asso Tech Ser 27/HL0J  
ATS JT-1210

Jul 58

69,908

Studies of the Errors in Organic Elemental  
Microanalysis. III. Studies on the Sources  
of Error in the Determination of Carbon and  
Hydrogen. Part 2, by H. Fujiwara, M. Kan, 9 pp.

JAPANESE, per, J Pharm Soc Japan, Vol LXXVI, No 8,  
pp 886-892, 1956.

Assoc Tech Serv 14H14J

Assoc Tech Serv 14H14J

Sci - Chem  
Aug 58

70,347

Studies of Non-Metallic Compounds of Zirconium  
and Hafnium, (DIFFERENCES in the Affinity of  
Zirconium and Hafnium Toward Non-Metallic  
Elements), by Shizui Fujiwara

JAPANESE, per, J Chem Soc Japan, Pure Chem  
Sect, Vol LXXI, 1950, pp 580-584.

SLA 1632/57  
AEC Tr 2649

Sci - Chemistry  
Nov 56 CTS

40,594

Fujiwara, A. and Kurosawa, M.  
STUDIES ON EATING TASTE OF BURLY TOBACCO  
LEAVES. [1962] 24p.  
Order from K-H \$30.00 K-H 4020-a

Trans. of [Nihon Dojo Hiriyogaku Zasshi] (Japan) 1955,  
v. 26, no. 6, p. 7-14.

DESCRIPTORS: Plants, \*Tobacco, \*Taste.

(Agriculture--Plant Cultivation, TT, v. 8, no. 5)

62-17960

- I. Fujiwara, A.
- II. Kurosawa, M.
- III. K-H-4020-a
- IV. Kresge-Hooker Science  
Library Associates,  
Detroit, Mich.

C223422

Office of Technical Services

Studies on the Strength of Kraft Paper. Part 3. The  
Effect of Tension During Drying on the Mechanical  
Properties of Paper Sheets, by Y. Fujiwara, 8 pp.

A  
JAPANESE, per, J. <sup>ap</sup> Japan Tech Assoc Pulp Paper Ind,  
Vol XI, No 73, 1957, pp 245-248.

ATB-13187

716-55-6241

Sci

Jul 59

92,662

Study on the Dielectric Loss of Polyethylene,  
by R. Fujiyo, A. Odera, 7 pp.

JAPANESE, per, Nippon Kagaku Zasshi, Vol 117,  
No 4, 1949, pp 114, 115. (loan copy only)

SLA 57-2762

Sci  
Aug 58

70, 818

Fuji, Y. and Kanemoto, M.  
PENETRATION DE L'HUILE DANS LE PAPIER.  
Partie 2. (Penetration of Oil in Paper). 13p. 5 refs.  
FX-634.  
Order from OTS, ETC or CNRS \$0.80 62-26480

Trans. in French of Kami-pa Gikyo-shi (Japan) 1959,  
v. 13, [no. 96] p. 189-195.

DESCRIPTORS: \*Paper, \*Oils, Absorption, Measure-  
ment.

(Materials--Paper, TT, v. 10, no. 9)

62-26480

- I. Fuji, Y.
- II. Kanemoto, M.
- III. F/X-634
- IV. Centre National de la  
Recherche Scientifique,  
Paris (France)

Office of Technical Services



(1) Preparation of Phthalocyanine-Tetra-Sulfonic Acid Derivatives. (2) Salts of Copper Phthalocyanine-Tetra-Sulfonic Acid. (3) Salts of Nickel Phthalocyanine-Tetra-4-Sulfonic Acid, by N. Fukuda

JAPANESE, per, J Chem Soc Japan, Vol LXIV, pp 378-380; 380-383; 586-588.

SLA/INSDOC-F-1629

Sci  
Jul 58

68,402

On the First Approach, by A. Fukalov, 11 pp.  
FOR OFFICIAL USE ONLY

RUSSIAN, per Aviatsiya i Kosmonsntika, No 4, 1962.  
9678747

FTD-ST-62-4

Sci - Space Res  
Nov 62

217,294

(NY-7102)

HYGIENIC APPRAISAL OF CONDITIONS OF WORK AND  
THE EFFECTIVENESS OF PROTECTIVE MEASURES  
DURING INDUCTION HEATING OF METAL WITH THE  
AID OF HIGH FREQUENCY TUBE GENERATORS  
GENERATORS, BY N. V. MINOMOVA, P. P. FUKALOVA,  
13 PP.

RUSSIAN, PER, OIGI TRUDA I PROFESSIONAL ZABOL,  
VOL VI, NO 3, 1962, PP 8-13.

JPRS 13581

1000

IN 157,454

On the Vacuum Vaporization Technique of Carbon  
and the Characteristics of Evaporated Carbon  
Film and its Applications, by Akira Fukami,  
Haruo Yotsunoto, 40 p.

JAPANESE, per, Denshi Kambikyo, 1956, Vol XV,  
No 3, pp 166-173.

SLA 59-15436

Sci  
Feb 60  
Vol 2, No 12

108,243

Fukarek, Pavle

SERBO-CROATIAN, per, Godisnjak Bioloskog instituta  
Sarajevo 1950, photographs, pp 80.

\*PL 480

GTS 61-11205

1961

Some Older and Newer Treatises on Pantic's  
Serbian Spruce, by P. K Pukarek, 14 pp.

SERBO-CROATIAN, per, Sumarstvo (Belograd),  
Vol X, No 3-4, 1957, pp 245-257. 9086733

OTS 60-21637  
PL-480

199,448

Sci - Biol

Jun 62

Fukarek, Pavle.

THE PRESENT SPREAD OF SERBIAN SPRUCE  
(PICEA OMORIKA, PANCIC) AND SOME DATA CON-  
CERNING ITS STANDS (Danasnje Rasprostranjenje  
Panciceve Omorike (Picea Omorika, Pancic) i Neki  
Podaci o Njenim Sastojinama) tr. by Dusan Glumac.  
1962, 75p, 223 refs. PL-480 Agr.  
Order from OTS \$0.75

61-11205

Trans. of Bioloski Institut, Sarajevo. Godisnjak  
(Yugoslavia) 1950, v. 3, no. 1/2, p. 141-198.

DESCRIPTORS: \*Spruce, \*Forestry, Trees,  
Ecology, Growth, Distribution, Taxonomy, Forest  
fires.

(Agriculture--Plant Cultivation, TT, v. 9, no. 9)

61-11205

- I. Fukarek, P.
- II. PL-480 Agr (61-11205)
- III. National Science Founda-  
tion, Washington, D. C.

1101700

Office of Technical Services

AGENCY: AEC/NY

R-9860-D  
25 Oct 68

P.O. No. NY 69-1550

Title: "Fluorescence X-Ray Determination of  
Gold and Silver in Copper Using  
Anion-Exchange Paper and Filter  
Paper,"

Source: Jap.Anal. 17, 713-21(1968)      ( 9 pp)

By: Tsutomu FUKASAWA, et al

Language: Japanese

Special Instructions: Please translate and  
type 1 copy only.



63-14038

I. Fukasawa, Y.

Fukasawa, Yoshiki.  
NON-NEWTONIAN FLOW OF POLYVINYL CHLORIDE  
AT HIGH TEMPERATURE. 28 June 62, 10p. (figs.  
tables omitted).

Order from SLA \$1.10

63-14038

Trans. of Kogyo Kagaku Zasshi (Japan) 1960, v. 63,  
p. 459-564.

DESCRIPTORS: \*Polyvinyl chloride, \*Fluid flow,  
Viscosity, Molecular weight, Elasticity, Friction,  
Shear stresses, Heat of activation, \*Plasticizers,  
Lubricants.

Flow character of PVC was measured by an extrusion  
capillary viscometer. The flow curves indicated  
considerable non-Newtonian character at lower temper-  
atures. At temperatures above the melting point (206°C)  
of the PVC, the flow curves obeyed the Bueche-Harding  
equation, which has successfully explained the de-  
(Materials--Plastics, TT, v. 13, no. 7) (over)

1247488

Office of Technical Services

(DC-3539)

Ways of Solving Social Contradictions in the Chinese  
People's Republic II, by Gyorgy Fukasz, 23 pp.

HUNGARIAN, per, Magyar Filozofiai Szemle, No 3, 4,  
Budapest, 1959, pp 299-317.

JPRS 3404

FE - China

118,512

Jun 60

(NY-3502/3).

The Ways and Means of Solving Social Contradictions  
in the Chinese People's Republic, by Gyorgy Fekasz,  
22 pp.

HUNGARIAN, per, Magyar Filozofiai Szemle, Vol III,  
No 1, 2, Budapest, 1959, pp 114-126.

FE - China  
Pol - Philosophy  
Nov 59

JPRS-1992-N

101,559

AEC-tr-4482(p.90-5)      Unc1.

MEASUREMENTS OF THICKNESS BY USING      GAMMA-  
RAYS.    H. Fukatsu and S. Makino.

C-23   P   NSA

*Second Japan Conference on  
Radiocotopes 1978*

N-4

AEC-tr-4482(p.90-5) Uncl.

MEASUREMENTS OF THICKNESS BY USING GAMMA-  
RAYS. H. Fukatsu and S. Makino.

C-23 P NSA

*Second report on the use  
of radioisotopes, AEC 4482*

N-4

AEC-tr-4482(p.90-5) Uncl.

MEASUREMENTS OF THICKNESS BY USING GAMMA-  
RAYS. H. Fukatsu and S. Makino.

C-23 P NSA

*Second Japan Conference on  
Nuclear Physics, Feb. 1958*

N-4

AEC-tr-4482(p.90-5) Uncl.

MEASUREMENTS OF THICKNESS BY USING GAMMA-  
RAYS. H. Fukatsu and S. Makino.

C-23 P NSA

*Japan*

*Second Conference on  
Radioisotopes, Feb. 1951*

N-4

AEC-tr-4482(p.90-5)      Uncl.

MEASUREMENTS OF THICKNESS BY USING      GAMMA-  
RAYS.    H. Fukatsu and S. Makino.

C-23    P    NSA

*Second Japan Conference  
on Radioisotopes - Feb 1958*

N-4



AEC-tr-4482(p.90-5) Uncl.

MEASUREMENTS OF THICKNESS BY USING GAMMA-  
RAYS. H. Fukatsu and S. Makino.

G-23 P NSA

*Second Japan Conference  
on Radiotopes (AEC-4482)*

N-4

AEC-tr-4482(p.90-5)      Uncl.

MEASUREMENTS OF THICKNESS BY USING      GAMMA-  
RAYS.      H. Fukatsu and S. Makino.

C-23      P      NSA

*Second Japan Conference  
on Radioisotopes Feb 1958*

N-4

AEC-tr-4482(p.90-5) Uncl.

MEASUREMENTS OF THICKNESS BY USING GAMMA-  
RAYS. H. Fukatsu and S. Makino.

C-23 P NSA

*Second Japan Conference  
on Radioisotopes Feb 1958*

N-4

AEC-tr-4482(p.1275-94) Uncl.

ON METHODS OF MEDICAL MEASUREMENT OF R<sub>i</sub>.  
K. J. Fukatsu and S. O. Makino.

C-23 P NSA

*Second Japan Conference on  
Radioisotopes, Feb. 1964*

N-4

The Fluidisation of Solid Particles, by K.  
Hirai, K. Fukaya, A. Shimada, K. Mishima, 26 pp.

JAPANESE, per, Kagaku Kogaku, Vol XVII, 1953,  
pp 438-447. 9079910

ABC NP Tr-633

Sci  
Aug 61

164, 898

*(NY-1374/34)*

The Early Diagnosis of Botkin's Disease,  
by L. D. Finkel'man, 4 pp.

RUSSIAN, no per. Voenno Med Zhur, No 9,  
Moscow, Sept 1960, pp 30-32.

Sci  
Mar 61

US JPRS 7875

*142,309*

A Chromatographic Method of Determining Hexachlorocyclohexane in Plants, by L. M. Gurevich, 5 pp.

RUSSIAN, per, Fiz Rasteniy, Vol VI, No 6, 1959,  
pp 748-750.

Amer Inst of Biol Sci

Sci  
Aug 60

122,212

The BEL-250 Electrode Holder for Full Use of  
Electrodes, by S. I. Kirichenko, M. L. Finkelman;  
3 pp.

RUSSIAN, for, Svarochi Press, No 5, 1970, pp 10

British Welding Res Assoc

Sci

Aug 60

123,730



Welding With UONI-13 Electrodes on Alternating  
Current, With a Pulse Generator, by M. L.  
Fukal'man, et al.

RUSSIAN, per, Svarochnoe Proizvodstvo, No 1,  
1958, pp 27, 28.

Henry Bruteher 445  
\$3.90

Sci - Engr

Apr 59

Received ACC/EEH-  
84,315

Does the Presenting of Personal Views Constitute  
Individualism, by Fu Keng, 5 pp.

CHINESE, per, Chang-kuo Ch'ing-nien, Nos XV-XVI,  
16 Aug 1962, p 31.

JPRS 15767

215,736

FE - China  
800  
Oct 62

Two-Dose Vaccination Against Q Fever, by S. M.  
Kulagin, A. D. Fuki, R. I. Zubkova, L. D. Popova, 4 pp

RUSSIAN, per, Zhur Mikrobiol Epidemiol i Immunobiol,  
Vol XXIX, No 11, 1958, pp 25-28.

Pergamon Inst

Sci - Med  
Jul 59

91,707

Yoshikazu Fukioka

Glass-filter electrical moisture block and self-  
recording moisture meter for measuring soil moisture,  
by Yoshikazu Fukioka  
JAPANESE, per, Agricultural engineering society (of)  
Japan, Tokyo, Transactions No 9, 5-10 Oct 1964  
NASA TR F 14, 292

may 72

Fukui, Kenichi, Yuasa, Yukio, Shimizu, Tsuneo, and  
Sano, Takezo.  
A PROCESS FOR POLYMERIZATION OF OLEFINS. 10p.  
Order from SA 5/19/60 SA Code-P-333

Trans. of published Japanese patent 7133/1963,  
7 Mar 63, cl. 26-B-11 (26-B-21) (13-F-1)  
appl. no. 44066/1960, 1 Nov 60, b; Sumitomo Chemical  
Indust. Co., Ltd.

TT-64-730

- I. Fukui, K.
- II. Yuasa, Y.
- III. Shimizu, T.
- IV. Sano, T.
- V. Patent (Japan)  
pub. 33-7133
- VI. SA-Code-P-333
- VII. Seizaburo Aoki,  
Fujisawa (Japan)

1274494

(Chemistry--Organic, TT, v. 1., no. 7)

Office of Technical Services

Continuous Blowing of Hot Metal in Runner With  
Oxygen, by V. A. Fuklev.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Chern Meta  
No 7, 1960, pp 60-67.

HB 4926

164,32

Sci - Min/Metals

Aug 61

Graphite-Lined Ladles for Desulphurization of Iron,  
by V. A. Puklev. UNCL

POLISH, per, Prz Oilew, Vol III, Mar 1953,  
pp 102, 103.

British Iron and Steel Ind  
(no number given)

Sci - Min/Mat  
Sep 59

98, 100

Use of Oxygen in the Melting of Low Carbon  
Superheated Cast Iron, by V. A. Fuklev.

RUSSIAN, per, Liteinoe Proizvodstvo, Vol V,  
No 2, 1954, pp 1-3.

Brutcher Tr  
No 3364

Scientific - Min/Metals

Jan 55 CTS/DEX

20,887



Tuyere for Blowing Oxygen Into Forehearth of Cupola,  
by V. A. ~~Shchegolev~~, M. A. Khabarov.

~~Pa. Kiev~~

RUSSIAN, per, Liteinoe Proizvodstvo, Vol III, No 9,  
1952, pp 24-25.

Brutcher Tr No 3299

14, 717

Scientific - Min/Metals

Dec 54 CTS/DEX

\$3.70

Theory of Analytic Functions of Several Complex  
Variables, by A. B. Fuchs,

RUSSIAN, <sup>bk</sup>~~per~~, Moscow, 1948, 472 pp.

Amer Mathemat Soc

Mar 60

Natural Boundaries of Analytic Functions of Complex  
Variables, by B. A. Fuks, 45 pp. UNCLASSIFIED

RUSSIAN, per, Uspekhi Mat Nauk, Nov Ser,  
Vol V, No 4, (38), 1950, pp 75-120.

Navy Tr 902/Am Math Soc 93

Scientific - Mathematics  
CTB/DEX

~~6928~~  
7605

**Executive Memorandum of Action Initiated by Attorney General**  
**Re: [REDACTED]**  
**Date: [REDACTED]**

CONFIDENTIAL, Date of Birth N/A, Vol CLAE, No 2, 1948.

SECRET

**44-38861-1000**

S-122/61

(NY-6027).

Histochemistry of Proteins during Growth Changes and  
Regeneration of Connective Tissue of Skin and Aorta  
in Man and Animals, by B. B. Fuks, S. G. Kolayeva, *et al.*

RUSSIAN, bk, I Konferentsiya po Voprosam Tsito- i  
Gistokhimii. Doklady, Dekabrya 1960 goda, 1960,  
pp 107-109.

\*JPRS 7/74

Sci - Med

9 Mar 61

The Histochemistry of the Succinoxidase System  
of the Normal and Regenerating Nerve, by B. B.  
Fuks, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No <sup>2</sup>/<sub>1</sub>,  
1958, pp 400-.

Amer Inst of Biol Sci

Sci - Med

96,909

The Dynamics of Acid Phosphomonoesterase in the  
Process of Nerve Fiber Myelinization, by B. B.  
Fuks, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 3,  
1957, pp 692-.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

00.274

Histochemistry of Tyrosine and Histidine in Regenerating Connective Tissue, by B. B. Fiks, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 3, 1960, pp 747-749.

ATBS

Sci

Jul 61

167, 376



The Histochemistry of Phosphomonoesterase in  
Regeneration and Degeneration of Nerve  
Following Damage, by B. B. Fuks, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 4,  
1959, pp 905-.

Amer Inst of Biol Sci

Sci

Dec 59.

103,892

On the Homotopy Theory of Functors in the  
 CATEGORY of Topological Spaces, by A. G. Lashin  
 A. G. Lashin, ID:

RUSSIAN, per Dokl Ak Nauk USSR, Vol. 141, No. 3, 1968, pp 543-546.

Amer Math Soc  
 Sov Math - DSI  
 Vol III, No 2

24, 6-7

Sov. - Math

Sep 68

On Duality in Homotopy Theory, by D. B. Fuks,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,  
1961, pp 818-821.

Amer Math Soc

Sci

Jun 62

200,874

Optimization of the Osmoynthesis Process, by V. L.  
Klimenko and E. Sh. Fuka, et al, 21 p.  
RUSSIAN, per, Naftokhimiya : Naftokhimiya, No 6,  
1964, pp 29-33.  
SEA TT 65-14290

*E. Sh. Fuka*

Sci-881

303,693

Effect of Organic Acids on Boundary Friction and  
Sticking of Solids in Hydrocarbon Liquids, by

G. I. Fuks, G. S. Brateva.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 153, No 5,  
1963, pp 1125-1128.

AFS 1J-5161

G. I. Fuks

Sci-Chem

July 69

385,731

Method of Measuring the Aggressiveness of  
Lubricating Oils at Moderate Temperatures, by  
G. I. Fuku, L. V. Timofeyeva, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXIV, No 4, 1958,  
pp 427-428.

Instru Soc of Amer

Sci

Apr 60

113,304

The Influence of Cation Radius on the Properties  
of the Boundary Layers of Electrolyte Solutions  
in the Flat Areas Between Quartz Surfaces, by  
G. I. Fuks, N. I. Kaverina, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 2,  
1958, pp 322-.

Consultants Bureau

Sci - Phys

Sep 59

97,659

Concerning the Flow of Liquids in Narrow Gaps Between  
Approaching Plane Solid Bodies, by G. I. Fuks, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 3,  
1957, pp. 635-

~~635~~  
VOL.

Consultants Bureau

Sci - Chem

Jun 58

65, 712



Synthetic Watch Oils, by G. I. Fuks, 3 pp.

RUSSIAN, per, Pribozastroyeniya, No 5, 1961,  
pp24-26

Taylor & Francis Ltd.

Sci

Dec 61

177,884

Investigation of Boundary Friction and Adhesion  
in Relation to Studies of the Interaction of  
Finely Dispersed Particles. 3. Influence of  
Neutral Electrolytes on the Friction of Quartz, Ruby,  
and Agate at High Contact Pressures, by G. I. Puke,  
A. S. Mikhailuk, 10 pp.

RUSSIAN, per, Kolloid Zhur, Vol XXII, No 6, 1960,  
pp 720-729.

CB

Sci  
24 Jul 62

203,992

Third All-Union Conference on Colloid Chemistry, by  
G. I. Fuks, D. M. Sandomirsky, 7 pp.

RUSSIAN, bimo per, Kolloid Zhur, Vol XVI, No 2, USSR,  
Mar/Apr 1954, p 154. CIA D 167133

Consultants Bureau

USSR

Scientific - Chemistry

2, 154

CTS 65/Feb 1955

The Mechanism of the Influence of Neutral  
Electrolytes on the Bond Between Particles  
in the Coagulation Structure, G. I. Fuks,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ~~CXXXIII~~,  
No 1, 1960, pp 164-167.

CB

Sci

Apr 61

149,163

Investigation of Boundary Friction and Adhesion in  
Order to Study the Interaction of Highly Dispersed  
Particles. X. Some Boundary Properties of Solutions  
in the Flat Narrow Spaces Between Solid Bodies, by  
G. I. Fuks, 14 pp..

RUSSIAN, per, Kolloid Zhur, Vol XX, No 6, 1958, pp 748-758.

ATB-29130F

PTS - RS - 1966  
97,282

Sci - Chem  
Sep 59  
Vol 2, No 1

Adhesion of Microscopic Particles to Solid  
Surfaces in Liquids, by G. I. Fuks, V. M.  
Klychnikov, E. V. Tsyanova, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol LXV,  
No 3, 1949, pp 307-310.

Sci Tr Center RT-2781

Scientific - Chemistry  
Dec 55 CTS/DEX

29,492

67  
FELIX AN COMPONENTS OF Packing Groups, by  
I.G. Fils, V. Vaynshteyn, et al. 10 pp.  
RUSSEL, per, Shizhiya i Tekhnologiya Topliva  
Zhurnal, No 7, 1964, pp 50-55. P10001046  
F11-11-05-1046

*A. B. Fuchs*

Sci/Intell

SEP 66

Sci, 306

Allowance for Shadows in the Scattering of  
Waves by a Statistically Uneven Surface, by  
F. G. Bass, I. M. Fuks, 18 pp.

RUSSIAN, per, Elz Vysah Ucheb Zaved, Radiofiz,  
Vol VII, No 1, 1964.

JPRS 25168

Sci  
Jun 64

261,499



Type AX-10 Turbogenerator Under Steam and  
Stainless Conditions, by L. A. Fuks, *Sept.*

*Y. L. xxxviii.*  
RUSSIAN, per, Elek Stantsii, No 7, 1962,  
pp 84-85.

NLL Ref. 9022.09 1963 (2,947)  
(Loan)

Sci - Engr  
Nov 63

*OTS 63-232*

*242,335*

(NY-6499)

Oscillatory Demagnetization of a Core of a  
Pulse Transformer, by L. B. Fuks, 18 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
MVO, Radiotekh, Vol IV, No 5, Sep/Oct 1961.

JPRS 13667

Sci  
May 62

194,536

(NY-5231

Pulse Transformers with a Low Reciprocal of  
the Pulse Duty Factor, by L. B. Fuks, 14 pp

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Ser  
Radiotekh, Vol III, No 3, 1960.

JPRS 7380

Sci  
Jun 61

156741

Thermal Calculation of Plate Type Shunts Designed for  
Larger Direct Currents, by L.G. Fuhs, 4 pp.

RUSSIAN, per, Pribostroneniya, No 3, 1960,  
pp 12-13.

Taylor & Francis

Sci  
Jan 61

137,272

The Log of Turbine Shafts and nozzles  
Tests at High Temperatures, by M. Ya. Fuks,  
I. K. Glazyuk, 10 pp.

RUSSIAN, per, Vest Mashinostroyeniya, Vol XXXI,  
No 6, 1955, pp 30-34.

SLA 59-22423

Sci

OTB, Vol III, No 7

133,105

Nov 60

X-Ray Investigation of Effects Accompanying  
Prolonged Extension of Steel at Elevated  
Temperatures, by M. Ya. Fuks, N. V. Slonovski,  
L. I. Lupilov, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XX,  
No 6, 1956, pp 671-675.

Columbia Tech

Sci - Physics  
Jul 57

49,745

X-Ray Microbeam Investigation of Steel Deformed  
at Different Rates at High Temperatures, by M. Ya.  
Fuks, L. Ya. Gol'dshtein, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIII,  
No 5, 1959, pp 629-634.

Columbia Tech Tr

Sci  
Aug 60

122,243

Rostgenographic Investigation of Deformed Steel  
by Means of Micro-beams, Pt II. by M. Ya. Fuks,  
L. Ia. Goldshtein, 9 p.

RUSSIAN, per, Fiz Metal i Metallor, Vol <sup>VI</sup> ~~IV~~, No 4,  
1958, pp 573-581.  
5

Pergamon Press

Sci

Apr 60

112,451



X-Ray Examination of Phenomena Accompanying  
Prolonged Tension of Steel at High Temperatures,  
by M. Ya. Fuks, N. V. Slonovsky, L. I. Lupilov,  
9 pp.

RUSSIAN, per, Fiz Met i Metall,, Vol II, No 2,  
1956, pp 328-338. CIA/R 1036

CIA/R 1036  
CIA/Z-350

47, 185

Sci - Min/metals

Apr 57 CTS/dex

The Influence of Texture on the Intensity of  
Interference Lines in Investigating Large Deformed  
Specimens, by M. Ya. Fuks, G. V. Dobrovol'skaya,  
4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XX,  
No 6, 1956, pp 679-683.

Columbia: Tech

Sci - ~~EN~~ Physics  
Jul 57

50,703

Evaporation and Droplet Growth in Gaseous  
Media, by N. A. Fuks,

RUSSIAN, bk.

\*Pergamon Press

Aug 59

On the Steady-State Distribution of the Charges  
of Aerosol Particles in a Bipolarly Ionized  
Atmosphere, by N. A. Fuks, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 4,  
1964, pp 579-586.

Amer Geophys Union

Sci  
Aug 64

264,843

Droplet Size Distribution in Dibutyl Phthalate Mists  
Prepared by the Nucleus Method, by N. A. Fuks,  
A. G. Sutugin, 5 pp.

RUSSIAN, per, Kolloid Zhur SSSR, Vol XXV, No 4, 1963,  
pp 487-493.

CB

Sci

Apr 64

256,857

70-13499-07D

Fuks, N. A.

DETERMINATION OF DISTRIBUTION OF AEROSOL  
PARTICLES ACCORDING TO SIZE BY DIFFUSIONMETHOD: Inzhenerno-Fizicheski Zhurnal, v. 5, n. 12,  
p. 100-103, 1962. AI-TRANS-201.

Order from NTC as 70-13499-07D: HC \$ 6.70, MF \$ 5.80.

(2239-N)

Thermophoresis in an Aerosol Flow, by N. A. Fuchs,  
S. S. Yankovskiy, 5 pp.

RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol  
CXIX, No 6, 1958, pp 1177-1179.

AD STRS 1-62(-N)

Sci - Chemistry  
Feb 59

81, 573

On the Theory of the Evaporation of Small Droplets,  
by N. A. Fuke, 4 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol II XXVIII, No 1,  
1958, pp 159-162.

Amer Inst of Phys  
Sov Phys - Tech Phys  
Vol III, No 1

Sci - Phys

Sep 58

74, 021



Gas-liquid Chromatography, by H. A. Fuks.

RUSSIAN, no par, Uspekhi Khim, Vol XXV, No 7,  
1956, pp 845-858.

Tech and Comm Tr  
\$110.00

Sci - Chemistry  
CTB/dax Jan 1957

42, 012

Precipitation of Aerosols  $\pi$  on Vertical Surfaces, by  
N. A. Fiks.

bk,

RUSSIAN, ~~SCI~~, Aerosoli v Sel'skom Khozyaystve, 1956.  
pp 77-81. 9073232

UNDA

Sci - Chemistry  
Dec 60

134,691